Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

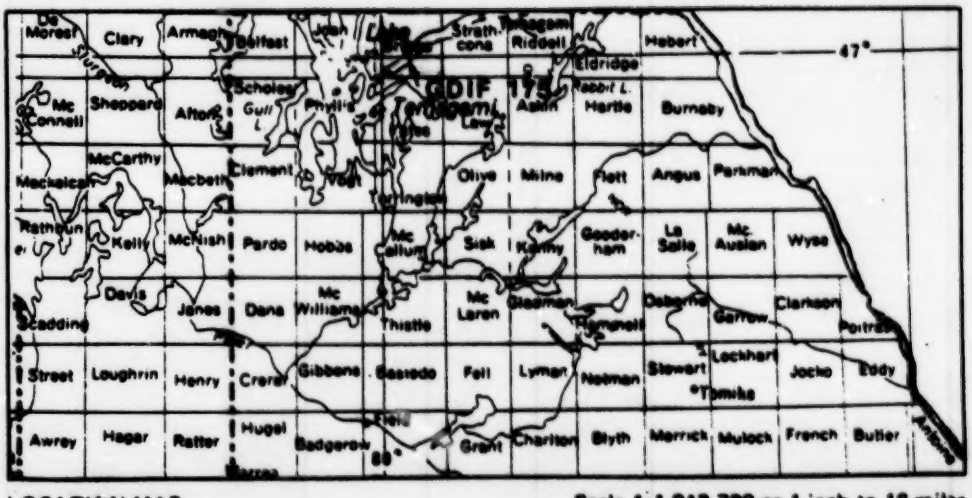
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 175

BRIGGS TOWNSHIP

DISTRICT OF NIPISSING

Compiled by the Staff of
the Resident Geologist's Office
Cobalt



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

NTS Number 31L/4 and parts of 31L/13, 41P/1 and 41I/16

Mining Claim Map Number M-428

This project was funded by the Ontario Ministry of Northern Affairs through the Northern Ontario Geological Survey (NOGS) Program.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1984: Briggs Township, District of Nipissing; Ontario Geological Survey Geological Data Inventory Folio 175 , Compiled by the staff of the Resident Geologist's Office, Cobalt; 36 pages and 2 maps.

Original Compilation by: Patricia Anderson, February 14, 1984

Date	Page Revised	Revised by

Date	Page Revised	Revised by

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ACCOMPANYING MAPS

Property Location Map - 1 map
Exploration Data Map - 1 map
Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	25.4	mm
1 cm	0.393 70	inches	1 inch	2.54	cm
1 m	3.280 84	feet	1 foot	0.304 8	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	1.609 344	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	6.451 6	cm^2
1 m^2	10.763 9	square feet	1 square foot	0.092 903 04	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	16.387 064	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	4.546 090	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	31.103 476 8	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	0.453 592 37	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	907.184 74	kg
1 t	1.102 311	tons (short)	1 ton (short)	0.907 184 74	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	1016.046 908 8	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	1.016 046 908 8	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	D.P.A.
2	Assessment Files Research Office, Toronto	Yes	D.P.A.
3	ODM General Index; 7 volumes	Yes	D.P.A.
4	Catalogue of Airborne Geophysical Surveys (ODM)	Yes	D.P.A.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	D.P.A.
6	ODM Industrial Mineral Reports	No	D.P.A.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	D.P.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	D.P.A.
9	Newspaper Clippings File	Yes	D.P.A.
10	GSC Index to Publications	Yes	D.P.A.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	D.P.A.
12	OGS Index Maps	Yes	D.P.A.
13	Source Mineral Deposit Records (O.G.S.)	Yes	D.P.A.
14	Author - Subject Articles File	No	D.P.A.
15	Miscellaneous Papers: ODM & OGS	Yes	D.P.A.
16	ODM Geological Circulars: OGS Study Series	No	D.P.A.
17	ODM Preliminary Reports: ODM Bulletins	Yes	D.P.A.
18	ODM – OGS Open File Reports	Yes	D.P.A.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	D.P.A.
20	OGS Aggregate Resources Inventory Papers	N.A.	D.P.A.
21	OGS Mineral Potential Maps	Yes	D.P.A.
22	Theses on File, Cobalt	No	D.P.A.
23	Aerial Photographs on File, Toronto	Yes	D.P.A.
24	Catalogue of Cobalt Area Rock and Mineral Samples, ODMNA OFR 5056	No	D.P.A.

METALS AND MINERALS REFERENCES LIST

- anh. Anhydrite
- ank. Ankerite
- anna. Annabergite
- ap. Apatite
- arg. Argentite
- As. Arsenic
- asp. Arsenopyrite
- asb. Asbestos
- ba. Barite
- be. Beryl
- Bi. Bismuth
- bn. Bornite
- bran. Brannerite
- bruc. Brucite
- Cd. Cadmium
- calc. Calcite
- carb. Carbonate
- cel. Celestite
- cc. Chalcocite
- cp. Chalcopyrite
- ch. Chert
- clay. Clay
- Co. Cobalt
- cob. Cobaltite
- cb. Columbite
- Cu. Copper
- cor. Corundum
- dol. Dolomite
- ep. Epidote
- ery. Erythrite
- fel. Feldspar
- fl. Fluorite (fluorspar)
- fu. Fuchsite
- gn. Galena
- gt. Garnet
- goe. Goethite
- Au. Gold
- gf. Graphite
- gl. Gravel
- gyp. Gypsum
- hem. Hematite
- il. Ilmenite
- Fe. Iron
- IF. Iron Formation
- jas. Jasper
- kaol. Kaolinite (kaolin)
- ky. Kyanite
- Pb. Lead
- lim. Limonite
- Li. Lithium
- mgst. Magnesite
- mag. Magnetite
- mc. Malachite
- Mn. Manganese
- mb. Marble
- mar. Marcasite
- ma. Marl
- mi. Mica
- ml. Millerite
- mo. Molybdenite
- Mo. Molybdenum
- mon. Monazite
- ne. Nephelite (nepheline)
- nc. Niccolite
- Ni. Nickel
- Nb. Niobium
- Pd. Palladium
- peat. Peat
- pent. Pentlandite
- Pt. Platinum
- py. Pyrite
- pyl. Pyrochlore
- pyrl. Pyrolusite
- po. Pyrrhotite
- q. Quartz
- qcv. Quartz carbonate vein
- ra. Radioactive minerals
- RE. Rare Earths
- sd. Sand
- sgl. Sand and gravel
- ss. Sandstone
- scap. Scapolite
- shea. Scheelite
- serp. Serpentine
- sh. Shale
- sid. Siderite
- si. Silica
- Ag. Silver
- sl. Slate
- sm. Smaltite
- sod. Sodalite
- spec. Specularite
- sp. Sphalerite
- spd. Spodumene
- staur. Staurolite
- stib. Stibnite
- st. Stone
- talc. Talc
- Te. Tellurium
- td. Tetrahedrite
- th. Thorite
- Th. Thorium
- thuc. Thucholite
- ti. Titanite
- Ti. Titanium
- tour. Tourmaline
- trap. Trap rock
- W. Tungsten
- uran. Uraninite
- U. Uranium
- verm. Vermiculite
- Y. Yttrium
- Zn. Zinc
- zr. Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A.	Temagami Mining Co. Ltd. Phyllis, Briggs, Yates and Joan Twp.	Cu, Ni, Co-major Au, Ag - minor		MDC 2, p. 117 MDC 12, p. 198, 201 T-1 Cu-4	ODM, 1964, Map 2057 ODM, 1942, vol. 51, pt. 6, p. 25 ODM, 1964, GR 28, p. 25-26 Northern Miner, Oct. 21,1954 Northern Miner, July 19,1956 Northern Miner, Nov. 28,1968 Briggs Twp. AF, Derosier Nickel & Copper Mines Ltd. Geo-Scientific Prospectors Ltd. Niemetz Base Metals Ltd. Temagami Mining Co. Ltd. Phyllis Twp. AF, Frontenac Exploration & Development Co. Ltd. Strathcona Twp. AF, Copperfields Mining Corp. Ltd. past producer - mining from 1955-1972

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
B.	Dewy Bay (Copperfields, Frontenac, Niemetz, C.J.)	Cu, Ni	N 0068	MRC 12, p. 209	OGS, 1978, GR 163, p. 106-107 OGS, 1976, Map 2324 Briggs Twp. AF, Niemetz, C.J. Temagami Mining Co. Ltd. Phyllis Twp. AF, Frontenac Exploration & Development Co. Ltd. Strathcona Twp. AF, Copperfields Mining Corp Ltd.
C.	Matagama Point Occurrence Briggs & Joan Twp.	IF		MDC 11, p. 269-270	GSC, 1965, Map 15026 ODM, 1923, I.O.C. Report, p. 214
D.	?	IF		MDC 11, p. 265	ODM, 1942, vol. 51, pt. 8 p. 10 ODM, 1942, Map 51e

GDIF FORM NO

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
E.	Sturdy (Niemetz, H., Nickel Rim Mines option)	Au, Cu - major	N 0067	MRC 18, p. 23	OGS, 1975, OFR 6156, p. 37 ODM, 1969, Map P. 595 OGS, 1976, Map 2324 OGS, 1978, GR 163, p. 108 Briggs Twp. AF, Nickel Rim Mines Niemetz, H. Sturdy
F.	Titanic (Lloyd Sprout showing)	Au - major Ag - minor	N 0069		OGS, 1976, Map 2324 OGS, 1978, GR 163, p. 108-109
G.	Snowshoe Lake	Cu, Au, Ag - major Ni, Pb, Zn - minor	N 0070		OGS, 1976, Map 2324 OGS, 1978, GR 163, p. 108
H.	Bunker Hill Extension	Cu		MDC 12, p. 209	
I.	Murray	Cu		MDC 12, p. 209	

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1	Dominion Foundaries and Steel Co. Ltd. - Strathagami Mines Inc. [1961] subsiduary of Cliffs of Canada Ltd. developed Sherman property - Sherman Mine owned by Dominion Foundaries and Steel Co. Ltd. (Dofasco) and Tetapaga Mining Co. Ltd. and operated by Cliffs of Canada Ltd. Chambers, Strathy, Briggs & Strathcona Twp.				67														
2	Voyager Explorations Ltd. Briggs & Chambers Twp.	57																	

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																	
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
3	Temagami Mining Co. Ltd. - amalgamated claims from Derosier, Abex, Offshore Mines Inc., Niemetz Base Metals Ltd. & Geo-Scientific Prospectors Ltd. to develop the Temagami Mine property [1955-1964] Briggs, Joan, Phyllis & Yates Twp. AFRO #63-585, 63-590, 63-609, 63-702				56 57		55- 64									56	55 57			
4	Copperfields Mining Corp. Ltd. purchased Temagami Mine property and mined from 1964 to 1972 Briggs, Joan, Phyllis & Yates Twp. AFRO #63-2790				65		64- 72			70									

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
5	Copperfields Mining Corp. Ltd. - Iron Lake Claims Briggs, Strathcona & Chambers Twp.				71					70										
6	Geo-Scientific Prospectors Ltd. Strathcona & Briggs Twp. AFRO #63-337 & 63-398	52			52 60				52			52				52	52			
7	Keevil, N.B. (in Briggs Twp. AF, Geo-Scientific Prospectors Ltd.) Briggs & Strathcona Twp. AFRO #63-1063												60							
8	Niemetz Base Metal Mines Ltd. optioned C. Niemetz & Miller Claims AFRO #63-338												52				52			

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
9	Niemetz, C.H.			51	51	52		52 65												
10	Frontenac Exploration & Development Co. (subsidiary of Anaconda Copper) optioned Niemetz Base Metals, Offshore Mines & Derosier Nickel & Copper Mines [1952] Briggs&Phyllis Twp				52 53			52												
11	International Nickel Co. of Canada Ltd.				53															
12	Atlas Yellowknife Mines Ltd. - Group 1 East AFRO #63-851	56						57									56			
13	Atlas Yellowknife Mines Ltd. - Group 1 West	56						57									56			

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
14	Murray, C.L., optioned to Temagami Mining Co. Ltd.				57																
15	Bunker Hill Extension Mines Ltd. AFRO #63-621	55			56 57							55									
16	Titanic Construction Co. Ltd., (Lloyd-Sproat McCall)				62	62															
17	Wickins, N.A.				53																
18	Aladin Minerals Ltd. (Niemetz & Nickel Rim Properties)	75		75	76	76		75													
19	Nickel Rim Mines Ltd. AFRO #63-1824	65			65							65									

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																			
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
20	Niemetz, Herbert				74 75	74 75															
21	Sturdy Mines Ltd.				71	71		70				71	71								
22	Sylvanite Gold Mines Ltd. (Parozanin claims)							56													
23	Ibsen Cobalt Silver Mines Ltd. Strathy, Strathcona, Chambers & Briggs Twp. AFRO #63-900	57						57 60				57									

GDIF FORM NO. 2

12 BRIGGS TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
1a	Dominion Foundaries & Steel Co. Ltd.	67-1	1967	000	-60	15	323	mag	
1b		67-2	1967	000	-60	15	326.6	mag	
2a	Dominion Foundaries & Steel Co. Ltd.	67-3	1967	000	-60	13	242	py	
2b		68-4	1968	000	-45	3	242		
3	Dominion Foundaries & Steel Co. Ltd.	68-5	1968	325	-45	3	160		
4a	Temagami Mining Co. Ltd.	G-6	1956	?	-75	140	140		
4b		G-6A	1956	-	-90	145	174		
5	Temagami Mining Co. Ltd.	G-7	1956	315	-50	30	730		
6	Temagami Mining Co. Ltd.	G-10	1956	135	-60	107	450	py, cp	

GDIF FORM NO. 3

13 BRIGGS TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
7	Temagami Mining Co. Ltd.	G-11	1956	135	-60	47	400	py	
8	Temagami Mining Co. Ltd.	G-12	1956	153.3	-41	23	529	py, cp	
9a	Temagami Mining Co. Ltd.	G-13	1956	315	-43	6	476	py, po	
9b		G-14	1956	135	-43	14	219	py	
10	Temagami Mining Co. Ltd.	G-15	1956	315	-45	5	559	py, cp	
11	Temagami Mining Co. Ltd.	G-16	1956	315	-45	5	612	py, cp	
12	Temagami Mining Co. Ltd.	G-17?	1956	324	-45	6	730	py, cp	
13	Temagami Mining Co. Ltd.	TM57-3	1957	143	-50	21	638	py	
58	Temagami Mining Co. Ltd.	TM57-4	1957	-	-90	215	668	py	

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
14	Temagami Mining Co. Ltd.	TM57-5	1957	143	-60	105	600		
15	Temagami Mining Co. Ltd.	TM57-6	1957	-	-90	40	250		
16	Temagami Mining Co. Ltd.	TM57-7	1957	143	-50	57	403	py	
17	Temagami Mining Co. Ltd.	TM57-8	1957	143	-50	25	551		
18	Temagami Mining Co. Ltd.	TM57-9	1957	-	-90	199	216		
19a	Temagami Mining Co. Ltd.	G-18	1959	155	-45	0	42	cp, py	
19b		G-19	1959	314	-45	0	109.6	py	
20	Temagami Mining Co. Ltd.	G-20	1959	327	-45	0	102.8	cp, mc	

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DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
21	Temagami Mining Co. Ltd.	G-21	1961	-	-90	28	161	IF, hem, jas, py	
22	Temagami Mining Co. Ltd.	310	1955	009	-45	7	367		
23	Copperfields Mining Corp. (Iron Lake claims)	G-40	1965	140	-60	54	801		
24	Copperfields Mining Corp. (Iron Lake claims)	D2-31	1971	180	-45	24	201.5	py, gf	
25a	Copperfields Mining Corp. (Iron Lake claims)	D-3	1971	135	-45	30	179	py, gf, cp	
25b		D-3a	1971	135	-60	18	238	mag, cp, jas, py	
26	Geoscientific Prospectors Ltd.	1	1952	-	-45	70	343	py, ch, IF, mag	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
27a	Niemetz, C.	1	1951	345	-45	0	108	cp	Cu, Ni
27b		2	1951	345	-60	3	131	cp	Cu
27c		3	1951	165	-45	0	142	cp	Cu
27d		4	1951	165	-54	0	203	cp	Cu
27e		5	1951	330	-45	3	164	cp	Cu, Ni
27f		6	1951	330	-60	5	57		
28	Frontenac Exploration & Development Co.	89	1952	352	-45	12	369		
29	Frontenac Exploration & Development Co.	90	1952	321	-59	11	361	py	
30	Frontenac Exploration & Development Co.	91	1952	315	-58	6	163	py, cp	
31	Frontenac Exploration & Development Co.	92	1952	019	-50	4	365		
32	Frontenac Exploration & Development Co.	93	1952	313	-45	4	392	py, cp	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
33	Frontenac Exploration & Development Co.	105	1953	150	-45	60	643		
34	Frontenac Exploration & Development Co.	106	1953	140	-45	58	511		
35	Frontenac Exploration & Development Co.	107	1953	150	-46	130	364	py, cp	
36a	Frontenac Exploration & Development Co.	108	1953	150	-45	102	102		
36b		108A	1953	150	-60	95	263		
37	International Nickel Co. of Canada Ltd.	5976	1953	225	-50	62	560	py	
38a	International Nickel Co. of Canada Ltd.	5977	1953	135	-45	76	217	py	
38b		5978	1953	135	-45	5	450		
39	Bunker Hill Extension Mines Ltd.	1	1957	250	-60	6	1366	mag, hem, py, cp, po	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
40a	Titanic Construction Co. Ltd.	1	1962	140	-45	55	350	py, gf, ch, mag	Fe, Au
40b		2	1962	320	-45	45	352	py	Fe
40c		5	1962	135	-45	17.5	300	mag, hem, py, IF	Fe, Au
40d		6	1962	135	-45	20	305	gf, py, ch, IF, mag	Fe
41a	Titanic Construction Co. Ltd.	3	1962	127	-45	0	352	py	
41b		4	1962	307	-45	9	355	py	Fe
42	Titanic Construction Co. Ltd.	7	1962	150	-45	26	556	py, ch, gf, mag, hem	Fe
43	Wickins, N.A.	1	1953	325	-45	17.5	25	py	
44	Wickins, N.A.	2	1953	135	-45	2	68	py	
45a	Wickins, N.A.	3	1953	045	-45	0	35	py	
45b		4	1953	315	-45	0	70.5	py	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
46	Aladin Minerals Ltd.	A-1	1976	135	-20	0	195	py	Au
47	Aladin Minerals Ltd.	B-1	1976	315	-45	0	306	py, cp	Cu, Au
48a	Niemetz, H.	1974-1	1974	290	-45	0	124	py, cp	Cu, Au
48b		1974-2	1974	100	-50	1	152	py, cp	Au
48c		1974-3	1974	090	-45	0	118	py, cp	Au
48d		1974-4	1974	125	-60	0	102		Au
48e		1974-5	1974	115	-45	0	104		Au
48f		1974-6	1974	100	-45	0	129	py, cp, sp, mag	Au
49	Nickel Rim Mines Ltd.	B-1	1965	090	-45	10	244	py, cp, mag	Au
50	Nickel Rim Mines Ltd.	B-3	1965	300	-45	20	373	py, cp, hem	Au
51	Nickel Rim Mines Ltd.	B-4	1965	298	-45	7	350	py, mag, cp	Au
52	Nickel Rim Mines Ltd.	B-5	1965	320	-45	17	300	py, cp, hem	Au

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
53	Nickel Rim Mines Ltd.	B-6	1965	140	-45	5	344	py, mag, cp	Au
54a	Niemetz, H.	1A	1975	290	-60	1.5	104.5	py, cp	Au, Ag
54b		1B	1975	090	-85	0	25	py, cp	Au
55a	Sturdy Mines Ltd.	71-SB-1	1971	270	-45	15	253	hem, py, po, cp, bn	Au, Ag, C
55b		71-SB-2	1971	335	-45	12.3	272	py, po, hem, cp, bn	Au, Ag, C
55c		71-SB-3	1971	292	-45	14	309	py, po, cp, hem,	Au, Ag, Cu, Ni
56a	Sturdy Mines Ltd.	71-SB-4	1971	115	-45	5	229	py, po, cp, bn	Cu, Au
56b		71-SB-5	1971	115	-45	17	153	po, cp	
56c		71-SB-6	1971	115	-45	5	153	hem, po, cp	Cu, Au
56d		71-SB-7	1971	295	-45	6	209	cp, hem, py	Au
57	Sturdy Mines Ltd.	71-SB-8	1971	115	-45	10	600	hem, py, cp	Cu, Au

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
4, 5	Dighem Ltd. for Copperfields Mining Corp. (AFRO #63.2790) 1970	electromagnetic using Dighem System	110'	N/S	1/8 mile
6	Mining Geophysics Corp. Ltd. for Geoscientific Prospectors Ltd. 1952	magnetometer		NNW & SSW	3/4 mile

GDIF FORM NO. 1

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
	No data available as of February 14, 1984			

GDIF FORM NO.

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
	No data available as of		February 14, 1984	

LANDSAT COLOUR PHOTO - NTS 31/M

LS	TR	FR	Date of Imagery	Band	Cycle/Day
2	20	27	13/10/81	C_1	136/10

on file in Cobalt office

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Cobalt

Niemetz, C.
Frontenac Exploration & Development Co. Ltd.
Atlas Yellowknife Mines - Group 1 East
Copperfields Mining Corp. Ltd.
Nickel Rim Mines Ltd.
Sturdy Mines Ltd.
Voyager Exploration
Brascan Resources
Sherman Mine
Dofasco Iron Mines
Mayfair Mines
Dominion Foundaries & Steel
Ibsen Cobalt Silver Mines Ltd.
Niemetz, O.J.

GDIF FORM NO. 7

ODM GENERAL INDEX SEARCH

Words searched:
Aladin Minerals Ltd.
Amphibolite Bay
Atlas Yellowknife Mines Ltd.
Axe Narrows
Briggs Twp.
Broom Lake
Bunker Hill Extension Mines Ltd.
Cliffs of Canada Ltd.
Copperfields Mining Corp. Ltd.
Drury Bay
Dominion Foundaries & Steel Co. Ltd.
Frontenac Exploration and Development Co. Ltd.

Index Volume	Listing:	Report Volume	Part	Page
1	Tetapaga Lake, Timagami Lake region,			
	Iron Ore near	*10		201
	jaspilite	*10		167
2	Matagama Pt., Timagami Lake			
	Magnetite,	*I.O.[1]		214
4	Amphibolite Bay, L. Timagami			
	Mg. claims near	51	6	32
	Rocks, notes & photo	51	6	7, 8
	Atlas Yellowknife Mines, Ltd.			
	Incorporated	55	1	46
	Briggs Twp., Nip			
	Gold claims	51	6	32, 34
	Prospecting possibilities	51	6	42
	Rocks	51	6	16, 18, 21
	Broom Lake, Briggs Twp.			
	Mineralization near	51	6	16, 42
	Tetapaga Lake, W. of Timagami			
	Rocks, structure	51	6	4, 21
5	Frontenac Exploration & Development Co. Ltd.			
	Licensed	62	1	61
	Geo-Scientific Prospectors, Ltd.			
	Incorporated	62	1	60

ODM GENERAL INDEX SEARCH

Words searched
Geo-Scientific Prospector's Ltd.
International Nickel Co. of Canada Ltd.
Keevil, N.B.
Lake Temagami, Northeast Arm
Mattagami Point
Murray, C.L.
Nickel Rim Mines Ltd.
Niemetz Base Metal Mines Ltd.
Niemetz, C.H.
Niemetz, Harold
Parozanin
Sherman Mine
Snowshoe Lake

Index Volume	Listing	Report Volume	Part	Page
5	Nickel Rim Mines Ltd.			
	See Also East Rim Nickel Mines			
	Capital; officers; operations	64	2	118
	Niemetz Base Metal Mines Ltd.			
	Incorporated	62	1	59
	Temagami Mining Co. Ltd.			
	Incorporated	64	1	58
6	Briggs Twp., Nip			
	Copper-nickel claims	65	2	120
		69	2	4
	Cliffs of Canada Ltd.			
	Incorporated	67	1	31
	Keevil, N.B.			
	Temagami Mg. co.	65	2	120
		66	2	7
		67	2	8
		68	2	4
		69	2	4
	Lake Timagami,			
	Copper mg. See Temagami Mining Co.			
	Nickel Rim Mines Ltd.			
	Capital; officers; operations:			
	(1955)	65	2	119, 120
	(1956)	66	2	118
	(1957)	67	2	122
	(1958)	68	2	89, 90

ODM GENERAL INDEX SEARCH

Words searched
Spawning Lake
Strathagami Mines Ltd.
Sturdy Mines Ltd.
Sylvanite Gold Mines Ltd.
Temagami Mining Co. Ltd.
Tetapaga Lake
Tetapaga Mining Co. Ltd.
Tetapaga River
Titanic Construction Co. Ltd.
Voyager Explorations Ltd.
Wickins, N.A.

Index Volume	Listing	Report Volume	Part	Page
6	Sturdy Mines Ltd.			
	Incorporated	65	1	3
	Property, report on	65	3	54-56
	Temagami Mining Co. Ltd.			
	Capital; officers; operations:			
	(1955)	65	2	120
	(1956)	66	2	7
	(1957)	67	2	8
	(1958)	68	2	4
	(1959)	69	2	4
	Fire at mine	67	1	61
	Voyager Explorations Ltd.			
	Incorporation	67	1	32

* Out of Print
1. I.O. - Report of the Iron Ore Committee

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K.D. et al	1971	Sudbury-Cobalt Sheet; Algoma, Manitoulin, Nipissing, Parry Sound, Sudbury & Timiskaming Districts, Ontario	ODMNA Map 2188	1:253 440
Card, K.D., Lumbers, S.B.	1977	Sudbury-Cobalt, NTS 31L/W, 31M/SW, 41I, 41P/S, Sudbury & AL 5 Districts, Ontario	OGS Map 2361	1:253 440
		GEOPHYSICAL MAPS		
	1965	Timagami, Ontario, NTS 31M/4, aeromagnetic	GSC Geophysical Paper 1491 GSC Map 1491G	 1:63 360
	1965	Ingall Lake, Ontario, NTS 31L/13, aeromagnetic	GSC Geophysical Paper 1490 GSC Map 1490G	 1:63 360
GSC-OGS	1978	Airborne gamma-ray spectrometry maps and profiles, Gogama Sheet	MNR Maps 80372-80410	1:250 000
GSC-OGS	1978	Airborne gamma-ray spectrometry maps and profiles, Ville Marie Sheet	MNR Maps 80411-80425	1:250 000
Gupta, V.K., Wadge, D.R.	1980	Bouger Gravity and Generalized Geological Map, Temagami-Englehart Area, Districts of Timiskaming, Nipissing and Sudbury	OGS Map P. 2296	1:100 000
Gupta, V.K., Grant, F.S., Boud, A.	1981	A Gravity Study in North-Central Ontario, Districts of Sudbury, Nipissing and Timiskaming; in J. Wood et al, editors, Summary of Field Work, 1981 by the OGS	OGS MP 100	No. 26 pp. 160-164

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOPHYSICAL MAPS		
Gupta, V.K.	1982	Gravity and Aeromagnetic Studies in North-Central Ontario: A Progress Report; in J. Wood et al, editors, Summary of Field Work, 1982 by the OGS	OGS MP 106	No. 24 pp. 165-167
Mansinha, L., Wilkinson, D.A.	1983	Interpretation of Gravity Data from New Liskeard, Ontario; Ontario Geoscience Research Grant Program, Grant No. 109	OGS OFR 5440	
Symons, D.T.A. Stupavsky, M.	1983	Analysis of Aeromagnetic Anomalies over Algoman-Type Iron Formations; Ontario Geoscience Research Grant Program, Grant No. 143	OGS OFR 5476	
		Aeromagnetic	GSC 7075G	1:253 440
		Aeromagnetic	GSC 7066G	1:253 440
		Earth Physics Branch Gravity Map Series	EPB Maps No. 84 and 134	1:500 000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
	1950	Capreol, Ontario, topographic	NTS 41I/NE	1:126 720
	1951	Maple Mountain, Ontario, topographic	NTS 41P/SE	1:126 720
	1951	Haileybury, Ontario, topographic	NTS 31M/SW	1:126 720
	1960	Ingall Lake, Ontario, topographic	NTS 31L/12 West	1:50 000
	1965	Obabika Lake, Ontario, topographic	NTS 41P/1	1:50 000
	1973	Timagami, Ontario, topographic	NTS 31M/4 West	1:50 000

GDIF FORM NO.9

Author	Date	SELECTED REFERENCES Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
	1975	Lake Temagami, Ontario, topographic	NTS 41I/16	1:50 000
	1976	Ville Marie, Quebec and Ontario, topographic	NTS 31/M	1:250 000
	1977	Gogama, Ontario, topographic	NTS 41/I	1:250 000
	1977	Sudbury, Ontario, topographic	NTS 41P	1:250 000
	1978	North Bay, Ontario, topographic	NTS 31/L	1:250 000
Roed, M.A.	1979	Haileybury, NTS 31M/SW	NOEGTS 90 OGS Map 5024	1:100 000
Gartner, J.F.	1980	Tomiko, NTS 31L/NW	NOEGTS 96 OGS Map 5040	1:100 000
	1982	Ontario Basic Map Sheets	MNR Maps 20 17 5700 52000 20 17 5800 52000 20 17 5700 52100 20 17 5800 52100	1:20 000
Veillette, J.J.	1983	Temagami, Ontario; NTS 31M/4, surficial geology	GSC Open File 949	1:50 000
		Tomiko, Ontario, topographic	NTS 31L/NW	1:126 720
		Briggs Township Claim Map	MNR Map M-428	1" = 40 ch
		MINERAL POTENTIAL MAPS		
	1977	Nickel Deposits of Ontario, East Central Sheet	OGS Map P. 1062	1:1 013 76

GDIF FORM N

Author	Date	SELECTED REFERENCES Title	Reference	Map Scales and/or Report Pages
		MINERAL POTENTIAL MAPS		
Springer, J.	1978	Ontario Mineral Potential, Parts of North Bay, Deep River & Ville Marie Sheets, NTS 31K, L & M, Nipissing & Parry Sound Districts & Renfrew County, Ontario	OGS Map P. 1510	1:250 000
	1983	Industrial Minerals of Ontario	OGS Map P. 2591	1:500 000
		GEOCHEMICAL		
Drury, C.W.	1918	Cobalt; Its Occurrence, Metallurgy, Uses & Alloys	OBM Annual Report; 1918; vol. 27, pt. 3	
		GEOLOGICAL REPORTS AND MAPS		
Barlow, A.E.	1899	Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing, Ontario, and of the County of Pontiac, Quebec	*GSC Summary Report; 1897 (1898), vol. X, part 1 *GSC Map 599	
Miller, W.G.	1901	Iron Ores of the Nipissing District	*OBM Annual Report, 1901, vol. 10 OBM Map 10a	pp. 160-180 1:15 840
Miller, W.G.	1904	Cobalt-Nickel-Arsenides and Silver	*OBM Annual Report, 1904, vol. 13, pt. 1	pp. 96-103

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Miller, W.G.	1906	The Cobalt-Nickel Arsenides and Silver Deposits of Temiskaming, Ontario	*ODM Annual Report, 1905, vol. 14, pt. 2	
Barlow, A.E.	1908	Second Edition of a Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing, Ontario, and of the County of Pontiac, Quebec	*GSC Separate Report 962 *GSC Map 944	
Moorhouse, W.W.	1941	Townships of Briggs, Strathcona and Parts of Strathy and Chambers, Timagami Map Area, Nipissing District, Ontario	ODM P.R. 1941-4	
Moorhouse, W.W.	1946	Northeastern Portion of the Timagami Lake Area, Nipissing District, Ontario	ODM Annual Report, 1942, vol. 51, pt. 6 ODM Map 51e	1:63 360
Roscoe, S.M.	1957	Geology and Uranium Deposits Quirk Lake-Elliot Lake, Blind River Area, Ontario (preliminary report)	GSC Paper 56-1	
Thomson, R., Savage, W.S.	1965	Haileybury Sheet, Districts of Timiskaming and Nipissing, Ontario	ODM Map P. 321	1:126 720
Lumbers, S.B.	1967	Tomiko Sheet, District of Nipissing, Ontario	ODM Map P. 394	1:126 720
Roscoe, S.M.	1969	Huronian Rocks and Uraniferous Conglomerates in the Canadian Shield	GSC Paper 68-40	

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Lumbers, S.B.	1971	Tomiko Area, East Half, Nipissing District, Ontario	ODM Map P. 679	1:63 360
Bennett, G.	1974	The Geology of the Northeast Timagami Area, Nipissing District, Ontario	ODM OFR 5110 ODM Map P. 595	1:15 840
Bennett, G.	1976	Briggs and Strathcona Twp., NTS 31L/13, 31M/4, 41I/16, 41P/1, Nipissing District, Ontario	ODM Map 2324	1:31 680
Bennett, G.	1978	Geology of the Northeast Temagami Area, NTS 31L/13W, 32M/4W, 41I/16E, 41P/1E, Nipissing District, Ontario	OGS Report 163	
Meyn, H.D.	1979	Uranium Deposits of the Cobalt Embayment; in V.G. Milne et al, editors, Summary of Field Work, 1979 by the OGS	OGS MP 90	No. S 20 pp. 218-221
Wood, J.	1979	Regional Geology of the Cobalt Embayment, Districts of Sudbury, Nipissing and Timiskaming; in V.G. Milne et al, editors, Summary of Field Work, 1979 by the OGS	OGS MP 90	No. 18 pp. 78-81
Wood, J.	1980	Regional Geology of the Cobalt Embayment, Districts of Sudbury, Nipissing and Timiskaming; in V.G. Milne et al editors, Summary of Field Work, 1980 by the OGS	OGS MP 96	No. 14 pp. 61-63
Colvine, A.C.	1981	Reconnaisance of the Lorrain Formation, Northern Cobalt Embayment; in J. Wood et al, editors, Summary of Field Work, 1981 by the OGS	OGS MP 100	No. 29 pp. 187-189

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SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Ferguson, S.A.	1942	Banded Iron Formation of the Timagami Area, Ontario	MA. Thesis University of Toronto, Toronto,	
Carlson, H.D.	1950	Intrusive rocks of Temagami District, Ontario	MA. Sc. Thesis University of Toronto, Toronto	
		* Out of Print		

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO.9

NOTES AND ADDENDA

The exploration data map shows only the most important minerals found at each site. All the minerals noted are listed in the mineral occurrences or the drill hole data.

On the maps, only areas for which work has been submitted to the Ministry are shown and thus a company may hold, or have held in the past, more ground than is shown.

The township was closed to staking in 1978 due to the Bear Island Indian Caution.

The Sherman Mine West Pit presently being worked, extends just into north-eastern Briggs Twp. Although the Temagami Mine Property extends into Briggs Twp., no mining occured on the Briggs claims. There is no indication of any other past production.

AIR PHOTOS - on file in Toronto

Only 1977 photos are available for viewing at the Public Service Centre, Rm. 1640, Whitney Block.

Photos can also be ordered from here for the years 1946, 1958 and 1970.

Year	Roll	Strip	Photo
1946	50	131	12-19
	48	132	72-79
	46	133	1-8
	45	134	121-128
1958	054	4703	158-164
	055	4702	42-49
	055	4701	119-125
	055	4640	175-182
1970	37	4703	90-97
	37	4702	26-32
	49	4701	149-155
	40	4641	18-22
	40	4640	72-80
1977	8	4703	197-204
	12	4702	148-154
	12	4701	57-63
	11	4641	83-89
	12	4640	193-201

GDIF FORM NO.10

POOR

QUALITY

ORIGINAL

Ministry of Natural Resources

Ontario

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John
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ONTARIO GEOLOGICAL SUR
PROPERTY LOCATION M
(Map 1 of 2)
to accompany GEOLOGICAL
INVENTORY FOLIO 1

BRIGGS TOWN

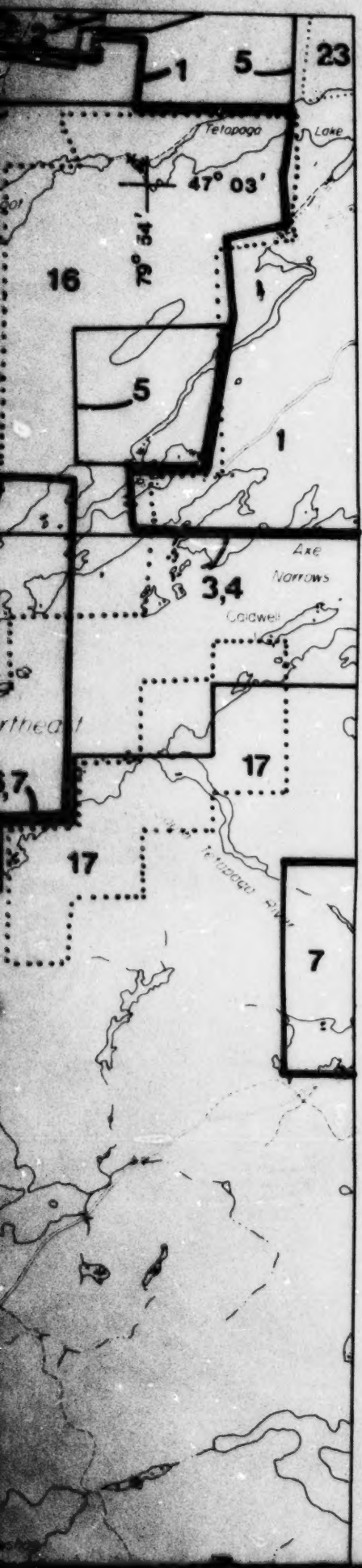
DISTRICT OF NIPISSING

Scale 1:31 680

Mile 0.5 0 0.5

Kilometre 0.5 0 0.5

EXPLORATION DATA FILE AR



Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

(Map 1 of 2 .)

to accompany GEOLOGICAL DATA

INVENTORY FOLIO 175

BRIGGS TOWNSHIP

DISTRICT OF NIPISSING

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

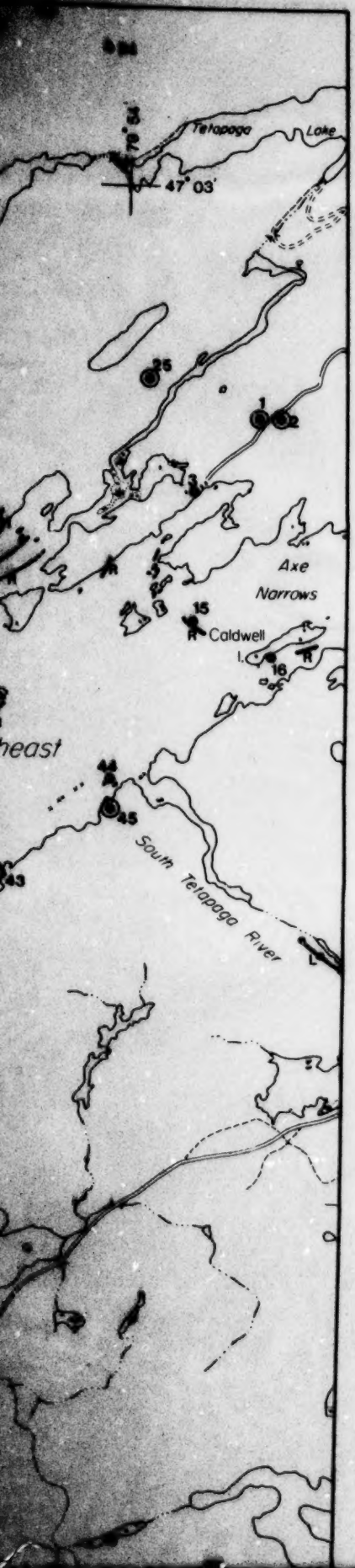
- ☐ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number
- ☐ GC — Geochemical Anomaly

GEOPHYSICAL ANOMALIES

- ☒ AM — Airborne Magnetometer Anomaly
- ☐ Airborne Electromagnetometer Anomaly Length of anomaly along flight line
- ☒ Airborne Electromagnetometer Anomaly. Location of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly Conductor Axis: definite, probable, possible
- ☐ ARA — Airborne Radiometric Anomaly
- ☒ M — Ground Magnetometer Anomaly
- ☒ VL — Ground Electromagnetometer Anomaly (VL - Vertical Loop; HL - Horizontal Loop; VLF - Very low freq; Turam; JEM - Crone EM-16; L - Long Wire)
- ☐ RA — Ground Radiometric Anomaly
- ☐ IP — Induced Polarization Anomaly
- ☐ SP — Self Potential Anomaly
- ☐ AFMAG — Audio-frequency magnetometer anomaly (total intensity)
- ☒ R — Resistivity Anomaly
- ☐ GR — Gravity Anomaly
- ☐

MISCELLANEOUS DATA

- ■ Trenching, pit
- ☐ Rock quarry



Ontario

Ministry of Natural Resources

Hon. Alan W. Pope
Minister

John R. Sloan
Deputy Minister

ONTARIO GEOLOGICAL SURVEY
Map to Accompany GEOLOGICAL DATA
INVENTORY FOLIO 175

BRIGGS TOWNSHIP

DISTRICT OF NIPISSING

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

MINERAL OCCURRENCES

- ☒ cp A. — Mineral occurrence at surface, with reference letter
- ☐ Au A. 64' — Mineral occurrence with shaft, depth given with reference letter
- ☒ Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp A. — Mineralized Float with reference letter
- ☐ —

DRILL HOLES

- ☒ ●² — Location of single drill hole, with reference number
- ☒ ◉² — Location of closely spaced group of drill holes, with reference number
- ☐ (?)² — Drill hole, exact location uncertain, with reference number.
- ☐ ◎ — Property with underground drill holes in this general area, with reference number

to accompany GEOLOG
INVENTORY FOLI

BRIGGS TO

DISTRICT OF NIP

Scale 1:31 68

Mile 0.5 0

Kilometre 0.5 0 0

16
5
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12
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10
3,4
46° 59'
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19
21
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18
19
22
18

EXPLORATION DATA FI

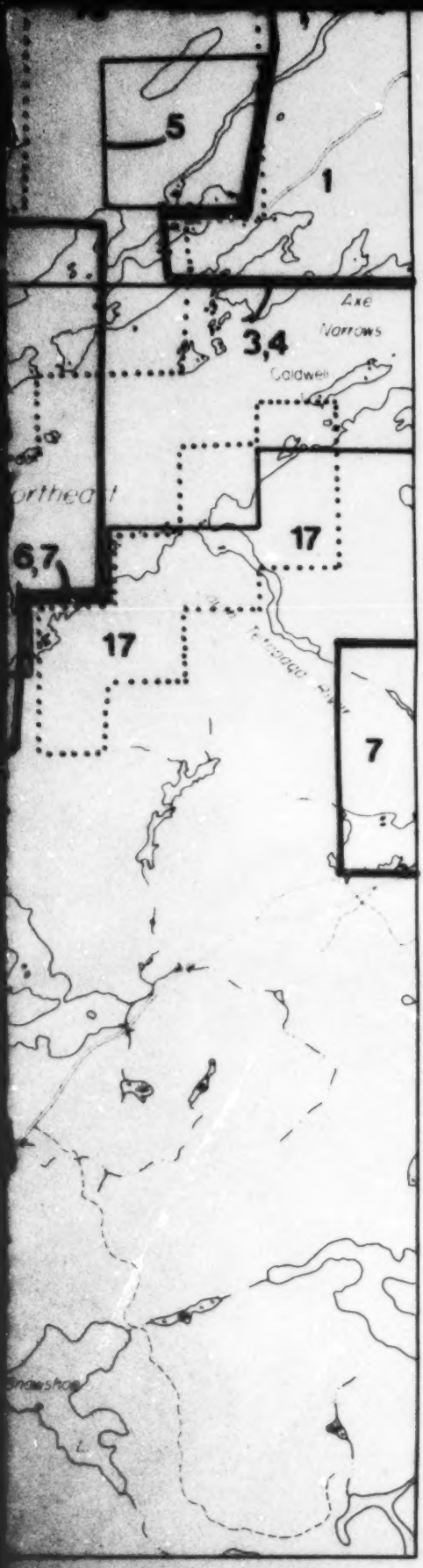
Reference number is always
See listing in text pages

Small area of exploration da

INVENTORY FOLIO 175

BRIGGS TOWNSHIP

DISTRICT OF NIPISSING



Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

☒ Reference number is always inside work area outlined. See listing in text pages

☐ Small area of exploration data.

☐

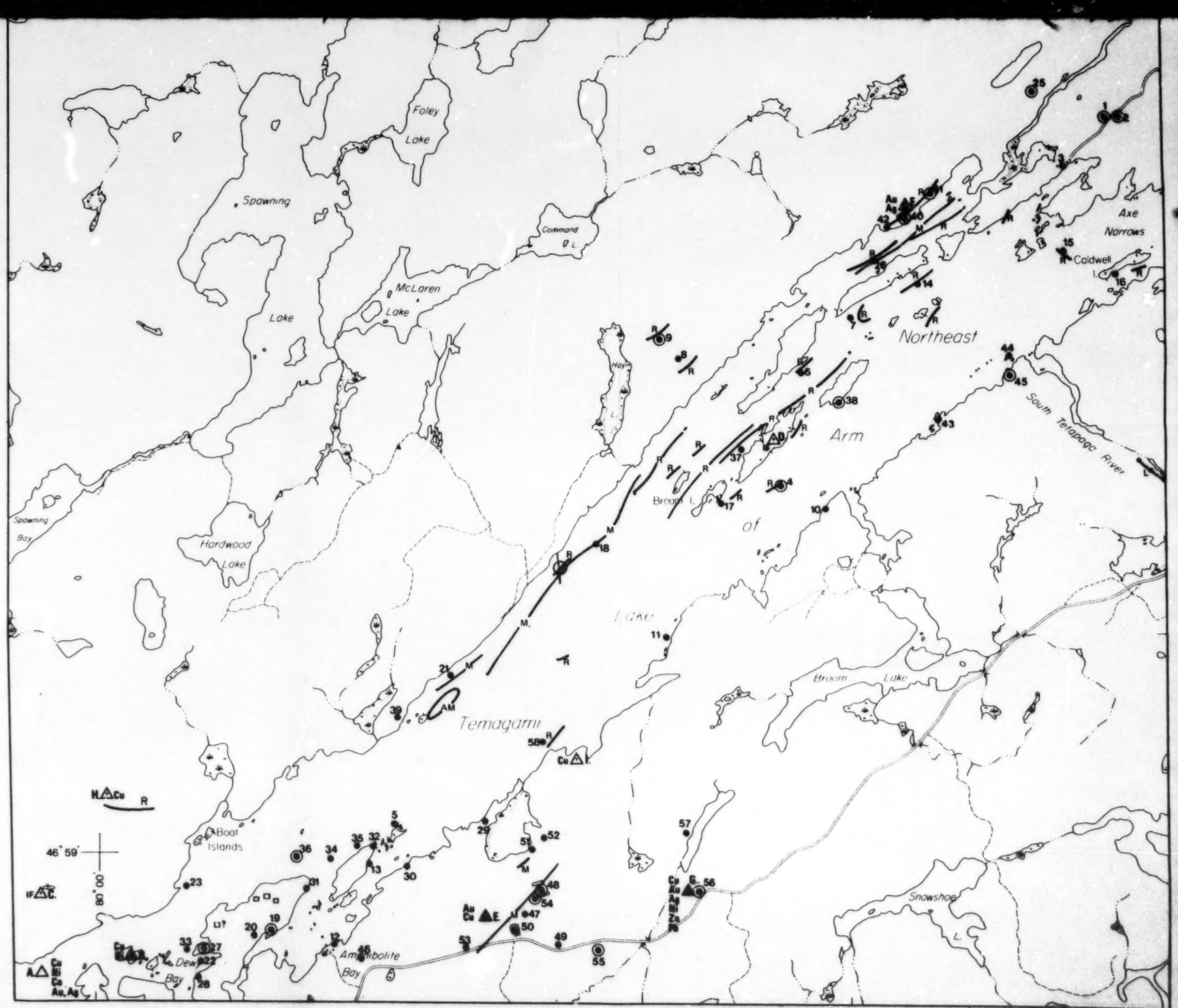
GEOPHYSICAL ANOMALIES

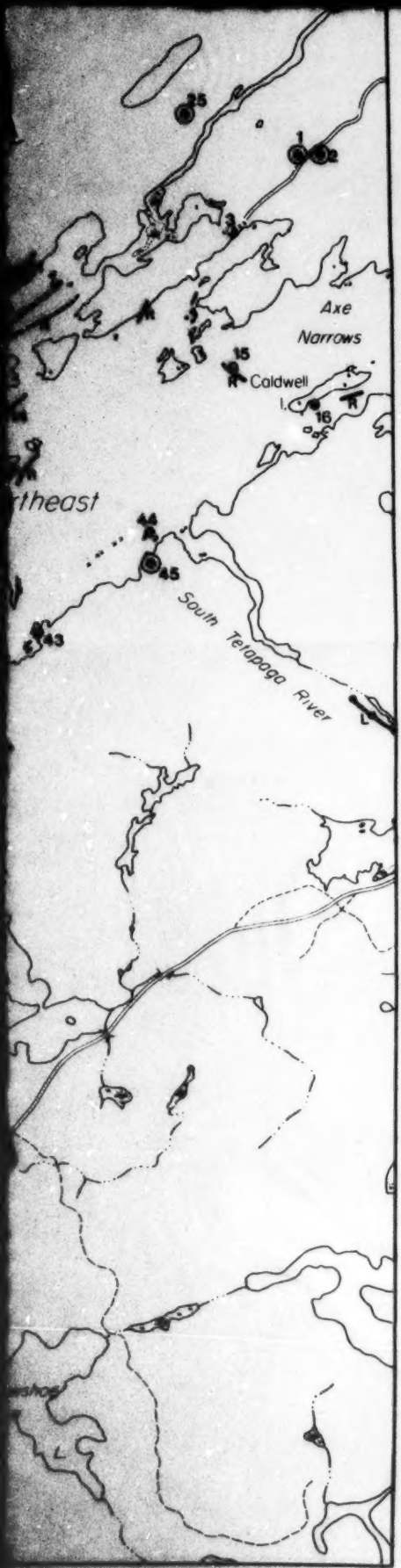
- ☒ AM — Airborne Magnetometer Anomaly
- ☐ Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- ☒ Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- ☐ ARA — Airborne Radiometric Anomaly
- ☒ M — Ground Magnetometer Anomaly
- ☒ VL — Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM-16; L - Long Wire)
- ☐ RA — Ground Radiometric Anomaly
- ☐ IP — Induced Polarization Anomaly
- ☐ SP — Self Potential Anomaly
- ☐ AFMAG — Audio-frequency magnetometer anomaly
  (total intensity)
- ☒ R — Resistivity Anomaly
- ☐ GR — Gravity Anomaly
- ☐

MISCELLANEOUS DATA

- ☒ Trenching, pit
- ☐ Adit
- ☒ Open pit
- ☐
- ☐ Rock quarry
- ☐ Sand and/or gravel pit
- ☐

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.





BRIGGS TOWNSHIP

DISTRICT OF NIPISSING

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP (Map 2 of 2.)

MINERAL OCCURRENCES

- ☒ cp A. — Mineral occurrence at surface, with reference letter
- ☐ Au A. 94' — Mineral occurrence with shaft, depth given with reference letter
- ☒ Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp A. — Mineralized Float with reference letter
- ☐ —

DRILL HOLES

- ☒ ●² — Location of single drill hole, with reference number
- ☒ ◉² — Location of closely spaced group of drill holes, with reference number
- ☐ (?)² — Drill hole, exact location uncertain, with reference number.
- ☐ — Property with underground drill holes in this general area, with reference number
- ☐ ○² — Property with drill holes which have not been plotted on map, with reference number
- ☐ ⊕² — Reverse Circulation Drill Hole; Churn drilling, with reference number
- ☐ —